



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 140 302
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 84112625.3

(51) Int. Cl.³: G 06 F 15/40

(22) Date of filing: 19.10.84

(30) Priority: 28.10.83 US 546751

(71) Applicant: International Business Machines Corporation
Old Orchard Road
Armonk, N.Y. 10504(US)

(43) Date of publication of application:
08.05.85 Bulletin 85/19

(72) Inventor: Ghosh, Sakti Pada
1381 Echo Valley Drive
San Jose California 95120(US)

(88) Date of deferred publication of search report: 25.01.89

(72) Inventor: Mattson, Richard Lewis
6838 Rockview Court
San Jose California 95120(US)

(84) Designated Contracting States:
DE FR GB IT

(72) Inventor: Peled, Abraham
13 Withington Road
Scarsdale New York 10583(US)

(74) Representative: Appleton, John Edward
IBM United Kingdom Limited Intellectual Property
Department Hursley Park
Winchester Hampshire SO21 2JN(GB)

(54) Method for accessing data using a self-service point-of-sale terminal.

(57) A use of relational database management at a host CPU interacting with selection requests from remote POS terminal includes (1) dynamic database generation of textual screens from the CPU relational data manager together with information for accessing a video picture source local to the POS terminal for generating selected picture screens, and (2) the textural searching of a virtual menu tree (part of a text screen) whose starting node is dependent upon the user's choice of picture or text information. The changed content of the text and picture screens is solely a function of the relationally accessed data designated by the user's menu selection.

A3

EP 0 140 302

A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 84 11 2625

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
D,A	IEEE SPECTRUM, September 1982, pages 46-54, IEEE, New York, US; F. GUTERL et al.: "The wonderful world of EPCOT" * Page 47, right-hand column, line 7 - page 48, right-hand column, line 22 * ----	1,6	G 06 F 15/40
A	COMPUTERS AND BIOMEDICAL RESEARCH, vol. 12, no. 5, 1979, pages 471-481, Academic Press Inc., GB; M.E. WOMBLE et al.: "An intelligent terminal for access to a medical data base" * Page 472, lines 10-29; page 473; page 474, lines 1-14 * -----	1,6	
TECHNICAL FIELDS SEARCHED (Int. Cl. 4)			
G 06 F			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	05-10-1988	WILTINK J.G.	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
O : non-written disclosure	L : document cited for other reasons		
P : intermediate document	& : member of the same patent family, corresponding document		



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 140 302

A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 84112625.3

(51) Int.Cl.³: G 06 F 15/40

(22) Date of filing: 19.10.84

(30) Priority: 28.10.83 US 546751

(71) Applicant: International Business Machines Corporation
Old Orchard Road
Armonk, N.Y. 10504(US)

(43) Date of publication of application:
08.05.85 Bulletin 85/19

(72) Inventor: Ghosh, Sakti Pada
1381 Echo Valley Drive
San Jose California 95120(US)

(88) Date of deferred publication of search report: 25.01.89

(72) Inventor: Mattson, Richard Lewis
6838 Rockview Court
San Jose California 95120(US)

(84) Designated Contracting States:
DE FR GB IT

(72) Inventor: Peled, Abraham
13 Withington Road
Scarsdale New York 10583(US)

(74) Representative: Appleton, John Edward
IBM United Kingdom Limited Intellectual Property
Department Hursley Park
Winchester Hampshire SO21 2JN(GB)

(54) Method for accessing data using a self-service point-of-sale terminal.

(57) A use of relational database management at a host CPU interacting with selection requests from remote POS terminal includes (1) dynamic database generation of textual screens from the CPU relational data manager together with information for accessing a video picture source local to the POS terminal for generating selected picture screens, and (2) the textual searching of a virtual menu tree (part of a text screen) whose starting node is dependent upon the user's choice of picture or text information. The changed content of the text and picture screens is solely a function of the relationally accessed data designated by the user's menu selection.

A3

302

140

EP



EUROPEAN SEARCH REPORT

Application Number

EP 84 11 2625

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)								
D,A	IEEE SPECTRUM, September 1982, pages 46-54, IEEE, New York, US; F. GUTERL et al.: "The wonderful world of EPCOT" * Page 47, right-hand column, line 7 - page 48, right-hand column, line 22 * ----	1,6	G 06 F 15/40								
A	COMPUTERS AND BIOMEDICAL RESEARCH, vol. 12, no. 5, 1979, pages 471-481, Academic Press Inc., GB; M.E. WOMBLE et al.: "An intelligent terminal for access to a medical data base" * Page 472, lines 10-29; page 473; page 474, lines 1-14 * -----	1,6									
The present search report has been drawn up for all claims											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Place of search</td> <td style="padding: 2px;">Date of completion of the search</td> <td colspan="2" style="padding: 2px;">Examiner</td> </tr> <tr> <td style="padding: 2px;">THE HAGUE</td> <td style="padding: 2px;">05-10-1988</td> <td colspan="2" style="padding: 2px;">WILTINK J.G.</td> </tr> </table>				Place of search	Date of completion of the search	Examiner		THE HAGUE	05-10-1988	WILTINK J.G.	
Place of search	Date of completion of the search	Examiner									
THE HAGUE	05-10-1988	WILTINK J.G.									
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document									
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document											